

Brad Ripple

Software Engineer

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[Portfolio](#) | [LinkedIn](#) | [GitHub](#)

Software Engineer with a background in abstracting land titles. I have spent the last 6 years databasing land titles which has cultivated an eye for detail and accuracy. I am very aesthetically oriented, creative and passionate about learning, exploring and growing. I am looking forward to utilizing my new skills learned from General Assembly's Software Engineering Immersive course and the opportunity to apply my creativity to problem solving and design.

Software Engineering Skills

Languages - HTML, CSS, JavaScript, SQL, NoSQL

Databases - MongoDB, Postgres

Server-side - Node.js, Express

Client-side - ReactJS, jQuery, Bootstrap

Concepts - OOP, MVC, REST, F.I.R.S.T Principles, Agile/SCRUM

Tools - Postman, VSCode, Git, GitHub, Heroku

Software Engineering Projects

[Ripple-Photography](#) - A web app in which users view my photographs and add them to their wishlist

Technologies Used - MongoDB | Mongoose | React.js | Node.js | JavaScript | CSS | Bootstrap | Git | Github

Contributions:

- Setup MongoDB and Atlas
- Defined database schema using mongoose
- Used express to create an MVC application
- Used HTML, CSS, JavaScript and Bootstrap to create the client-side
- Utilized CSS to animate the landing page and create a neon effect to the text

[Get-Fit Guru](#) - A web app in which you can browse exercises and create routines. Where you can track and chart your progress to reach your goals.

Technologies Used - Mongoose | MongoDB | React.js | JavaScript | CSS | Bootstrap | ReactCharts | Git | Github

Contributions:

- Pair Programming Project that utilized Git and Github for version control.
- Created CRUD functionality using Mongoose/MongoDB on the back end and React.js/Express on the front end
- Utilized React router to modularize my front end code to create different views for certain parts of the web application
- Integrated ReactCharts to visually display workout progress.

[RecipeBox](#) - A web app in which users can browse and submit recipes then add their favorites to their own RecipeBox

Technologies Used - PostgreSQL | Node.js | Express | JavaScript | CSS | Git | Github

Contributions:

- Setup relational database using PostgreSQL
- Utilized Tasty API to seed database with recipes
- Utilized CSS transform to animate the RecipeBox logo
- Added posting and commenting functionality

[Thirsty Hippo](#) - A web app in which users can be a Thirsty Hippo in search of beer. Avoiding rocks and angry hippos.

Technologies Used - HTML | CSS | Canvas | JavaScript | Git | Github | Adobe

Contributions:

- Used HTML and CSS to create the UI for the application
- Used jQuery and JavaScript to do DOM and CSS manipulation to create an immersive experience
- Used Adobe Photoshop to create unique icons for the different elements of the game
- Using CSS and gifs I created an animated winner page

Education

Software Engineering Immersive | General Assembly | Remote

August 02, 2021 - October 25, 2021

500+ hour remote, full-stack software engineering immersive program aimed at building skills in the latest front- and back-end programming languages, tools, and methodologies including: ReactJS, HTML, CSS, Javascript, Python, Django, PHP, Laravel, jQuery, PostgreSQL, Express, Mongoose, MongoDB, NodeJS, Git, Github, and Agile/Scrum.

National Academy of Sports Medicine | Personal Training Certification - 2007

Specializing in correcting postural distortions and muscular imbalances

Prior Experience

TCO Land Services | Abstractor | Jan 2016 – June 2021

Working remotely with county specific databasing systems to query and download documents involved in land deals. Using TCO's Title Tree software I would database thousands of land titles, with pertinent legal descriptions.